

ABSTRACT OF THE DISCLOSURE

A 3D display apparatus of simple construction enabling many people to observe 3D images having many viewing points in a near-natural condition is provided. The apparatus
5 includes picture image display parts, lenses forming images from the picture image display parts, and a screen diffracting and condensing picture images formed by the lenses to observing positions. The picture image display parts are arranged such that incident positions of lights, whose ray passing through
10 the screen without changing its direction, would not coincide with the observing positions. At the picture image display part, a parallax picture image corresponding to a viewing point or an eye of an observer is displayed, and observed at corresponding observing position.